

ABSTRACT OF THE DISCLOSURE

A method for estimating engine torque loss due to a fan. A table of maximum fan torque losses is compiled at a plurality of engine speeds. An engine control unit (ECU) is configured with the table of maximum fan torque losses. A first maximum fan torque loss and a second maximum fan torque loss for an engine speed are retrieved from the table. A maximum fan torque loss for the engine speed is estimated by interpolating between the first maximum fan torque loss and the second maximum fan torque loss. An engine torque loss estimate is calculated by adjusting the maximum fan torque loss based on a set of predetermined fan characteristics.